



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

DOT-E 11932
(THIRD REVISION)

JUN 27 2001

EXPIRATION DATE: May 31, 2003

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: PECO Manufacturing Co., Inc.
Portland, Oregon

(See Appendix A to this document for a list of additional grantees.)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of oxygen generators in non-DOT specification bulk packaging when installed in deployment modules(DM) and personal service units(PSU). This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.101(i)(3) in that bulk packagings are not authorized for Oxygen generators except as specified herein.
5. BASIS: This exemption is based on the application of PECO Manufacturing Co., Inc. dated June 11, 2001, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identi- fication Number	Packing Group
Oxygen generator, chemical	5.1	UN3356	II

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7. SAFETY CONTROL MEASURES:

a. PACKAGING - Authorized packagings are non-DOT specification bulk packages which are of a design similar to that identified in drawing 2TME417N3100 submitted with the application, and identified as TMEs. TMEs are designed for multiple trip service. Prior to being loaded for shipment, TMEs must be inspected for damage that reduces structural integrity. Any TME showing evidence of such damage may not be used until repaired.

b. OPERATIONAL CONTROLS -

(1) Each passenger service unit (PSU) or deployment module (DM) must be placed on shelves within the TME with sufficient cushioning material to restrict movement of the PSU/DM devices;

(2) The openings of the TME must be closed by doors, canvas or similar covers which are held securely in place by elastic bands or retainers.

8. SPECIAL PROVISIONS:

MARKING - Each TME must be plainly marked on two opposing sides in letters, at least two inches high on a contrasting background, "DOT-E 11932".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.10. MODAL REQUIREMENTS: No modal specific requirements.11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

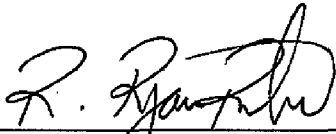
Each "Hazmat employee", as defined in § 171.8 who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by § 172.700 through § 172.704.

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No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



Robert A. McGuire
Associate Administrator
for Hazardous Materials Safety

JUN 27 2001

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

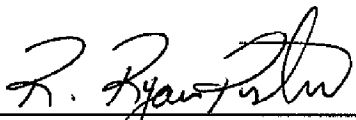
Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, SW, Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: sln

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
The Boeing Company Information and Support Services Seattle, WA	10/27/1999	10/29/1999	8/31/2001



Robert A. McGuire

for Associate Administrator for
Hazardous Materials Safety